

# UNIVAC®



## TYPE NUMBER 3536 UNISCOPE 100 DISPLAY TERMINAL

The UNISCOPE™ 100 is a low cost, self-contained alphanumeric display terminal. It's a business tool that puts all the power and speed of a computer at your fingertips, on site or at a remote station. It's fast, accurate, and boasts many features usually found only in more expensive cathode-ray tube units. Anyone who types can quickly learn to operate the UNISCOPE 100 display terminal. The keyboard has been designed for ease of operation and resembles a standard electric typewriter. In

fact, speeds in excess of 80 words a minute can be achieved on a UNISCOPE 100 by an experienced typist after little training. The 10" x 5" screen is flicker-free, and can display up to 1,024 sharp, clear characters. Through the use of easy to operate keys, the operator can roll-and-scroll information. Or split the screen with roll and scroll on either side. The UNIVAC communication output printer provides optional hard copy output of display data on up to 6-part forms. It offers printing at 30 cps on forms up to

132 columns in width. Flexibility, along with a computer core memory, makes the UNISCOPE 100 the perfect method for information retrieval applications. It presents you with data in real time. Information that is updated instantly. The UNISCOPE 100 display terminal is the answer to today's business information needs. Try it. You'll operate more effectively . . . more efficiently . . . and more profitably.

 SPERRY RAND



## UNISCOPE 100 DISPLAY TERMINAL

### COLORS

#### Standard Colors

Frame ..... off white  
Accent ..... red ochre

#### Customer Color Selection

End panels ..... dark green  
                              slate gray  
                              twilight blue  
                              earth brown  
                              grayish blue

Definition of these colors is given  
in the "color selection guide  
packet".

## FUNCTIONAL CHARACTERISTICS UNISCOPE 100 DISPLAY

**Viewing Area**—5" Vertical x 10"  
Horizontal

**Screen Capacity**—480, 512, 960,  
1024 Characters

#### Presentation Format

16 Lines x 32 Characters  
16 Lines x 64 Characters  
6 Lines x 80 Characters  
12 Lines x 80 Characters

#### Character Size

32 or 64 Characters per Line;  
0.150" high by 0.113" wide  
80 Characters per Line;  
0.135" high by 0.091" wide

**Refresh Rate**—60 cycles per  
second

**Scan Method**—Digital

#### Character Generation—Closed

Stroke; maximum 8 per character

**Character Set**—64 or 96 Symbols  
(USASCII)

**Memory**—Magnetic Core

**Code**—8 bit (ANSCII)

#### Keyboards

Typewriter  
Numeric  
Typewriter/Numeric  
(All Keyboards include 8  
Cursor control keys and  
5 editing keys)

#### Cursor Control Functions

Scan Forward; Scan Backward;  
Scan Up; Scan Down; Cursor  
to Home; Return; Space; Tab

#### Editing Functions

Character Erase; Erase to End of  
Line; Erase to End of Display;  
Insert; Delete

#### Interface Selections

RS232C Synchronous  
RS232C Asynchronous  
MIL 188B Asynchronous  
MIL 188B Synchronous with clock  
CCITT Interface  
IBM Compatible Synchronous  
IBM Compatible Asynchronous  
Direct Interface  
Multiplexer Interfaces  
Auxiliary Interface  
(hard copy output)

#### Hard Copy Output

Communications output printer  
provides optional hard copy at  
30 cps on up to 132 columns on  
original and 5 carbons

#### Special Features

Format Protect  
Function Keys—four

## FUNCTIONAL CHARACTERISTICS TERMINAL MULTIPLEXER

Controls up to 16 UNISCOPE  
100 Displays

#### Polling

Recognizes both specific polls  
for a single display and general  
polls for all displays

#### Interface Selections

Communication interfaces are  
the same as those offered for  
the UNISCOPE 100 Display ex-  
cluding the Multiplexer interface

## PHYSICAL CHARACTERISTICS UNISCOPE 100 DISPLAY

Width: 18 inches  
Height: 12 inches  
Depth: 27 inches  
Weight: 80 pounds (Approximately)

## PHYSICAL CHARACTERISTICS TERMINAL MULTIPLEXER

Width: 17 inches  
Height: 11 inches  
Depth: 6 inches  
Weight: 30 pounds (Approximately)

## POWER REQUIREMENTS UNISCOPE 100 DISPLAY AND TERMINAL MULTIPLEXER

**Nominal Voltage:** 120 Volts

**Nominal Frequency:** 60 Hz  
50 Hz models available

**Nominal Load:** 100 Watts

**Frequency Tolerance:**  $\pm 0.5$  Hz

**Phase and Lines:** Single Phase,  
3 wire

Above information provided for  
reference purposes.

Consult Univac representatives  
for details.